16ch

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(1738A)

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R/L	□□□□□ □ □□□□	ARM?	□□□□□□□□ □□□□□□□□□
R	□□□ □□□	CLAL	□ □□□□□□□□ □□□□□□
R	□□□ □□□□□□□□□	CLPC	□□□□□□□□□□□□(ch15 counter clear)
R	□□□ □□□	CLTM	□□□□□□
R	□□□ □□□□ xx	CLCTxx	counter xx:00-15 clear "CLCT05"
R	□□□ □□□□ xx	CLCTxxyy	counter xx - yy clear "CLCT0514"
R/L	□□□□□□□□□□ □□□□	CPR?	□□ dddddddd 10□8□(Kcts□□) hhhhhhhh 16□8□(Kcts□□)
R/L	□□□□xx□□□□	CTR?xx	counter xx:00-15 □□ □□ dddddddddddd 10□12□(10□□□) hhhhhhhhhhhh 16□12□(10□□□)
R/L	□□□□□□□□□ □□□□	DSAL	□□□□□□□□□(or SRQ)□□□□□□
R	□□□□□□□□ □□□□□□□□	DSAS	counter/timer stop disable
R/L	□□□ □□	ECHF	RS232C□
R/L	□□□ □□	ECHN	□
R/L	□□□□□□ □□□□	ENAL	□□□□□□□□□(or SRQ)□□□
R	□□□□□□ □□□□□□□□□	ENCS	□□□□□□□□□ □
R	□□□□□□ □□□□□□□□	ENTS	□□□□□□□□□ □
R	□□□□	LOCL	□□□□□□□□□ □□
R/L	□□□□□□□□	MOD?	□□□□□ □□□□□□ □□□ R_SN_T_F R:REMOTE L:LOCAL SN:SINGLE, RP:REPEAT ST:STORAGE T:TIMER STOP C:COUNTER STOP N:NOT STOP O:COUNTER ON F:COUNTER OFF
R/L	radix□□□□	RDX?	□□ □□□□□ binary or decimal □□ □□□ BN
L	□□□□	REMT	□□□□□□□□□ □□
R	□□□□□□□□	REPT	□□□□□□□□□□ □□
R	□□□□	REST	□□□□□□□□□(□□□ □□□□□□□□)
R/L	□□□ □□□□□	SBIN	□□ □□□□□ 16□□□□□
R	□□□ □□□□□□□□□	SCPR□□□□□□□	□□□□□□□□□□□ □ 10□7□(Kcts□□) SCPRddddddd d:decimal 7 digit
R/L	□□□ □□□□□	SDEC	□□ □□□□□ 10□□□□□
R	□□□ □□□□□□□□1	SDP1	0-7 ch□□
R	□□□ □□□□□□□□2	SDP2	8-15ch□□
R	□□□ □□□□□□□	SINT□□	repeat mode□ □□□□□□□□ 0.1□□□□□□ SINTdd dd:01-99
R	□□□□□□□□	SNGL	□□□□□□□□□□ □□
R/L	□□□□□□□□□□ □□□□	TPR?	□□ dddddddd 10□8□(mS□□) or hhhhhhhh 16□8□(mS□□)
R	□□□□□ □□□□□□□□	STEM	□□□□□ □(□□□)
R	□□□□□	STOP	□□□□□ □(□□□□□ □□□□□)
R	□□□□□□□□□	STOR	□□□□□□□□□□□ □□
R	□□□ □□□ □□□□□□	STPR□□□□□□□	□□□ □□□□□□□ □□ STPRddddddd d:10□7□(mS□□)
R	□□□□	STRT	□□□□□ □
R/L	□□□□ □□□□	TMR?	□□ dddddddddddd 10□12□(μS□□) hhhhhhhhhhhh 16□12□(□) 10□□□ 11,12□0□□□□□□ □□□□□
R/L	□□□□□□□ □ □□□□	VER?	□□□ 1.2 03-12-22



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GP-IB
4)

1)
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4)

1) −
a)
b)
c)
d) RS232C
e) (RS232C)
2) RS232C, GP-IB
a)
b)
C)
D)
3) GP-IB RS232C
4) BASIC

6 10

0.001 9,999.999 1Kcts 9,999,999Kcts

0-7ch 8-16ch

GP-IB,RS232C

1)

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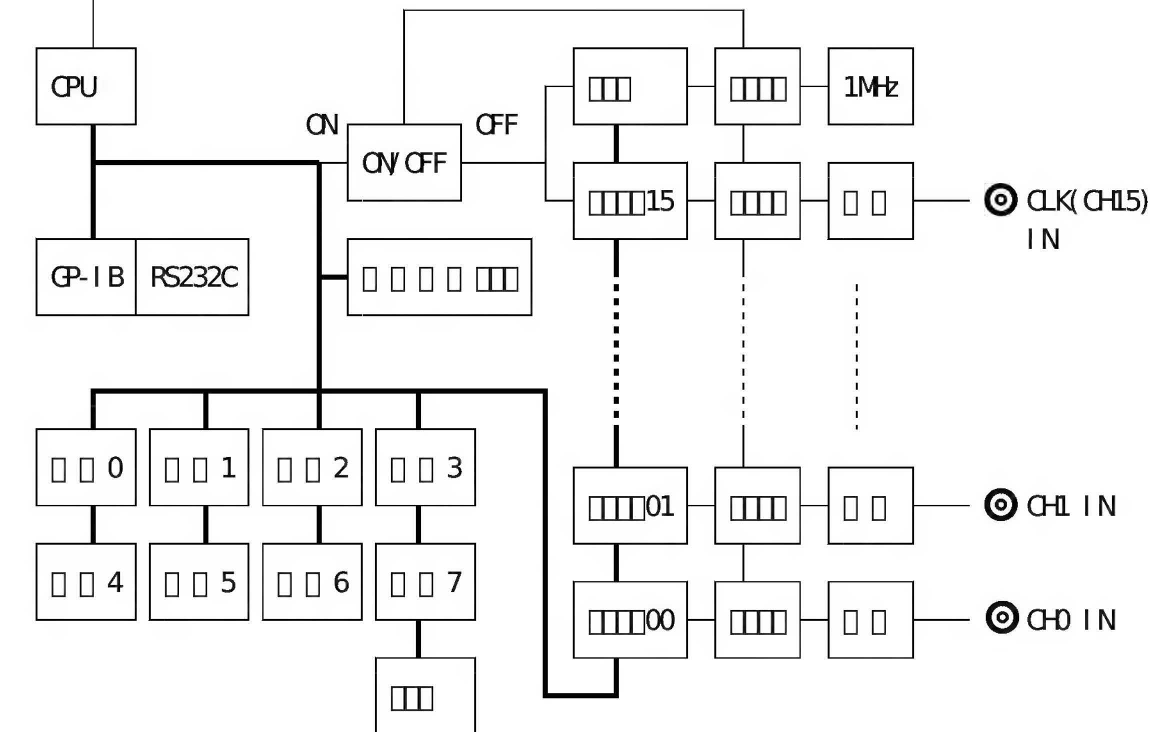
⑨

⑩

[illegible] ” [illegible] ” [illegible]

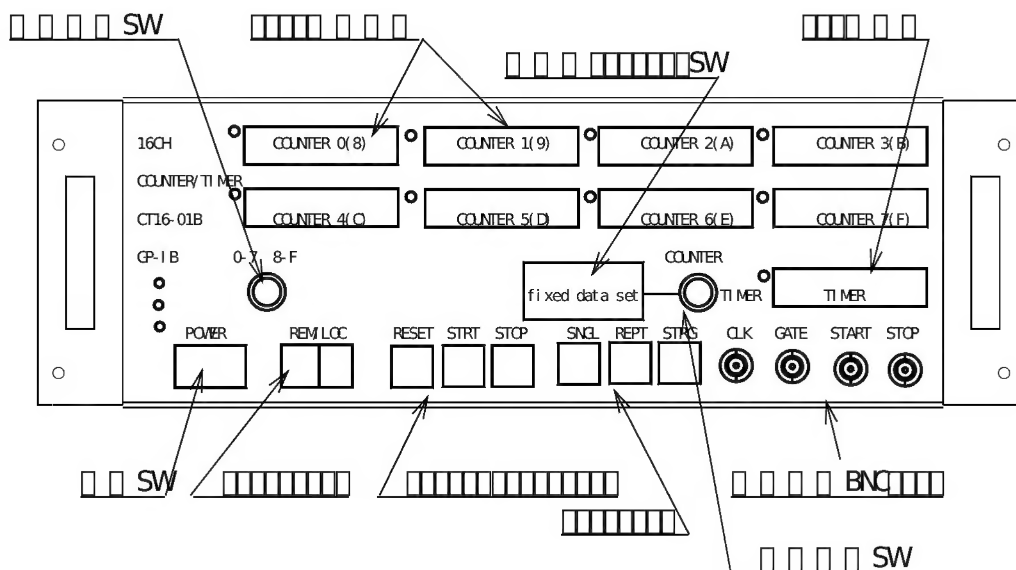
2) [illegible]

[illegible] 16ch [illegible] CT16-01B [illegible]
[illegible] SW [illegible]



[illegible]

1) [illegible]



2)

3)

①

②

μ ← →

③

single mode

repeat mode storage mode

④

SNGL(single mode)

REPT(repeat mode)

STRG(storage mode)

⑤

single mode

[illegible]

repeat mode [illegible]

[illegible]

[illegible]

storage mode [illegible]

[illegible] storage buffer [illegible]

[illegible]

[illegible] storage buffer [illegible]

[illegible]

single mode [illegible]

[illegible]

repeat mode [illegible]

[illegible]

[illegible]

storage mode [illegible]

[illegible] storage buffer [illegible]

[illegible]

[illegible] storage buffer [illegible]

⑥ [illegible]

CLK(CH15): [illegible]

[illegible]

GATE : [illegible]

[illegible] "H" [illegible]

[illegible] "L" [illegible]

START : [illegible]

[illegible] START [illegible]

STOP : [illegible]

[illegible] STOP [illegible]

⑦ [illegible]

[illegible]

0-7 : [illegible]

8-15 : [illegible]

[illegible]

⑧ [illegible]

[illegible]

[illegible]

[illegible] Kcts [illegible] mS [illegible]

[illegible]

⑨ [illegible]

[illegible]

[illegible]

[illegible] Kcts [illegible]

[illegible]

[illegible] REM/LOC [illegible]

μ [illegible]

[illegible] μ [illegible] μ [illegible]

[illegible]

⑩ [illegible]

[illegible]

[illegible]

GP-IB

TALK :

RS232C

LSTN :

RS232C

SRQ :

4)

① BNC

②

③

④

⑤

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Ω (th)

Ω

REMOTE/LOCAL LOCAL

REMOTE LOCAL

1)

single mode

SNGL(single mode)

STOP

STOP START/STOP

REPT(repeat mode)

STOP STOP

STOP

STRG(storage mode)

STOP STOP

STOP

2)

CNTR(Kcts) :

Kcts 1cts

TIMER(mS) :

mS 1μS

3)

0-7

8-15

4)

1) 3)

RESET

START

STOP

REMT/LOCL REMOTE

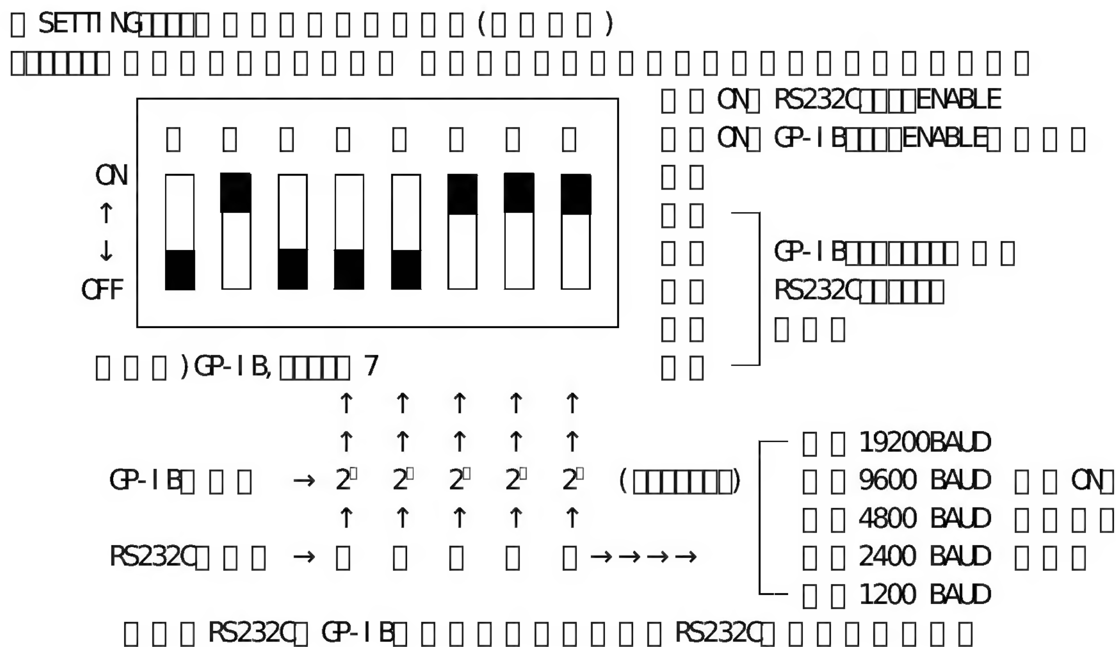
LOCAL REMT

REMOTE REMOTE/LOCAL

REMOTE

① GP-IB

② RS232C



1) −

a)

CT16-01B GP-IB IC TMS9914A RS232C HD64941 ( ) □ □CR+LF* CR(0DH)+LF(0AH) CT16-01B □ □CR+LF*

CT16-01B GP-IB, RS232C

*CR+LF (GP-IB EOI)

b)

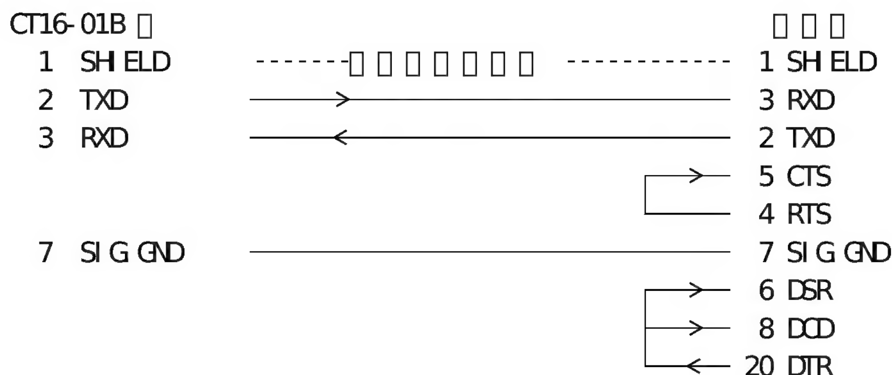
c)

1. RS232C 1START 8 1STOP
2. CR+LF
3. ASCII

d) RS232C XON, XOFF

e) (RS232C GP-IB)

1. PANEL DB25S CABLE : DB25P
2. PIN ASIGN →



2) □□□□□□RS232C,GP-IB□□□

a) □□□□□□

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□□□□CR+LF □:ASCII

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LOCL :□□□□□□□□□□□□□
REMT :□□□□□□□□□□□□□
SNGL :□□□□□□□□□□□□□(REMOTE□□)
REPT :□□□□□□□□□□□□(□)
STOR :□□□□□□□□□□□□□□(□)
SDP1 :□□□□□□□□□□(□□□□□□□□□□□□□REMOTE□□)
SDP2 :□□□□□□□□□□(□□□□□□□□ □ □)
SBIN :CT16-01B□□□□□□□□□□□□□□□□□
SDEC :CT16-01B□□□□□□□□□□□□□□□□□□□□□□
ECHN :□□□□□ RS232C□□□□□□□□□□□□□□□□□□□□□
ECHF :□□□□□ RS232C□□□□□□□□□□□□□□□□□□□□□□□□
REST :□□□□ CT16-01B□□□□□□□□□□□□□

b) □□□□□□□

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□□□□CR+LF □:ASCII

□□□

CLAL :□□□□□□
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CLPC :□□□□□□□□□□□□
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CLTM :□□□□□□ □□□□□□□□□□□
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C) [illegible]

[illegible]

[illegible]

□□□□CR+LF □: ASCII

[illegible]

STRT : [illegible]

[illegible]

STOP : [illegible]

[illegible]

[illegible]

STEM : [illegible]

[illegible]

ENCS : [illegible]

[illegible]

[illegible] ENTS [illegible]

ENTS : [illegible]

[illegible]

[illegible] ENCS [illegible]

DSAS : [illegible]

ENCS, ENTS [illegible]

ENAL : [illegible]

[illegible] "stop", "over" [illegible]

DSAL : [illegible]

[illegible] DSAL [illegible]

D) [illegible]

[illegible]

[illegible]

[illegible]

□□□□CR+LF □: ASCII

[illegible]

CPR? : [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

CTR?xx : [illegible]

[illegible]

[illegible]

[illegible]

[illegible]

[illegible]

TPR? : [illegible]

[illegible]

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TMR? :□□□□□□□□□□
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MOD? :□□□□□□□
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R : remote mode L : local mode
SN : single mode RP : repeat mode ST : storage mode
T : timer stop C : counter stop N : not stop
O : counter on F : counter off
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RDX? :□□□□□□(radix)□□□□
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ARM? :□□□□□□□□□□
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VER? :□□□□□□□□□
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3) GP-IB□□□RS232C□□□□□□□□
a) □□□□□□□□□□□ GP-IB□□□RS232C□□□□□□□□□□□
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b) □□□□□□□□CT16-01B□□□□□□□□□□□□□□□□□□□□□□□
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c) □□□□□□□□□GP-IB□□□□□□□ CT16-01B□□□□□□□□□□□□□□□□□
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d) □□□□□□□□□□(",")□□□□□□□□□□□□□□□□□□□□□□□□□(",")
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□□□□□□□□□ CR+LF

4) BASIC□□□□□□□□□□□□CT16-01B□□□□□□ 7□□□□□

a) □□□□□□□□□□

```
PRINT@7;"REMT"
```

b) □□□□□□□□□□

```
PRINT@7;"SNGL"
```

c) □□□□□□□□□□□□□□□□□□□□□□

```
PRINT@7;"STPR0010000"
```

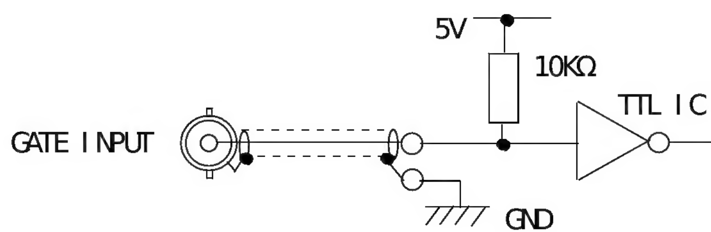
d) □□□□□□□□□□□

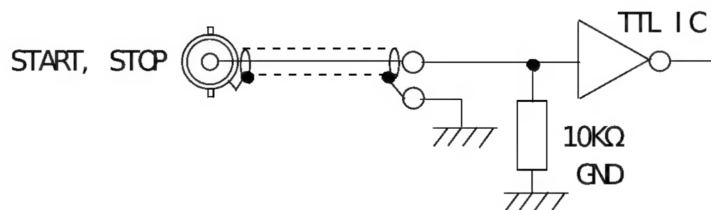
```
PRINT@7;"ENTS"
```

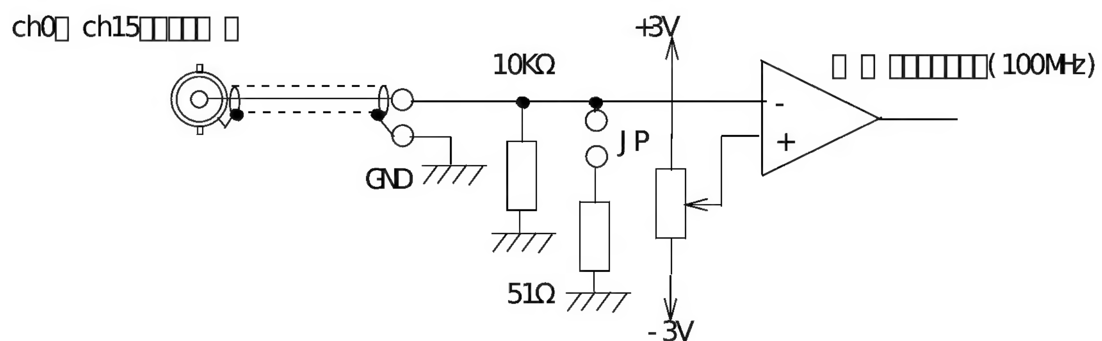
e) □□□□□□□□□□□□□

```
PRINT@7;"CTR?00"        :□□□□□□□□□□
INPUT@7,1;A$            :□□□□□□
PRINT A$                :□□□□□□□□□
```

□□□□□□□□□□







	AC100V(85V 264V) 0.5A	
		-5V 5V
		th
		Zi=10KΩ 50Ω( ) 10 Ω
		100MHz
		BNC
		0 15(15)
		"OVER"
		8 0 7 8 15 8 ( ) 8 cts Kcts
		8 (0.000001 9,999.999) 8 μS nS
		1 10 (8 μS nS)
		0.000001 (1μS) 0.005%
		0.001 9,999.999
fixed		1 (15)
		0.001 9,999.999Kcts
	single mode	
	repeat mode	(3)
	storage mode	
	(TTL IN) "H" ENABLE	
	(TTL IN) (TTL IN)	
	GP-IB, RS232C	
	EIA 3 UNIT (132H×482W×420D)	

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